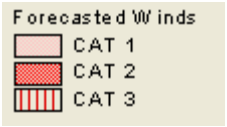
Hurricane Wilma Wind Distribution

Landfall Plus About **24** Hours

For Official Use Only!

Most Probable Wind Distribution

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Wind Fields

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Debris Model

Landfall Plus About **24** Hours

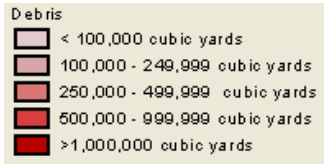
For Official Use Only!

Most Probable Debris Model Results

Florida – yd^3

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Debris Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Debris Model

Landfall Plus About 24 Hours

For Official Use Only!

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

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US Army Corps of Engineers

Hurricane Wilma Debris Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Ice Model

Landfall Plus About **24** Hours

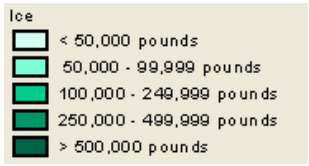
For Official Use Only!

Most Probable Ice Model Results

Florida –
Truckloads Day One
Truckloads Day Two
Truckloads Day Three

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Ice Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Ice Model

Landfall Plus About **24** Hours

For Official Use Only!

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Wilma will have power outage in this area will cause a need for ice.

Details about this model may be obtained at

https://englink.usace.army.mil

or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Ice Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Water Model

Landfall Plus About **24** Hours

For Official Use Only!

Most Probable Water Model Results

Florida –
Truckloads Day One
Truckloads Day Two
Truckloads Day Three

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Water Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Water Model

Landfall Plus About 24 Hours

For Official Use Only!

The amount of water forecasted is based on Mission Guide Book requirements (3 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 40% of the resident population affected by Wilma will have power outage in this area will cause a need for water.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Water Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Population Model

Landfall Plus About **24** Hours

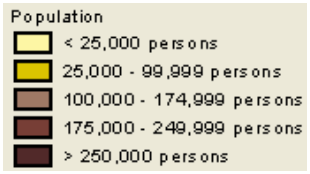
For Official Use Only!

Most Probable Population Model Results

Florida – persons

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers **Hurricane Wilma Population Model**

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Population Model

Landfall Plus About 24 Hours

For Official Use Only!

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Wilma Households Model

Landfall Plus About **24** Hours

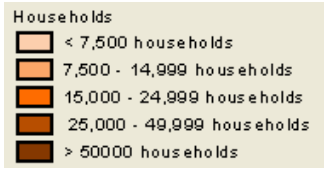
For Official Use Only!

Most Probable Households Model Results

Florida – households

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

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US Army Corps of Engineers

Hurricane Wilma Households Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Households Model

Landfall Plus About **24** Hours

For Official Use Only!

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Households Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Roofing Model Results

Landfall Plus About **24** Hours

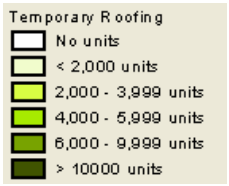
For Official Use Only!

Most Probable Temporary Roofing Model Results

Florida –

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of temporary roofing that may be required is based on 2% of housing units damaged in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 5% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Roofing Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Roofing Model Results

Landfall Plus About **24** Hours

For Official Use Only!

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary roofing that may be required is based on 2% of housing units damaged in CAT 1 wind areas, 3% of housing units damaged in CAT 2 wind areas, and 5% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

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US Army Corps of Engineers

Hurricane Wilma Roofing Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Housing Model Results

Landfall Plus About **24** Hours

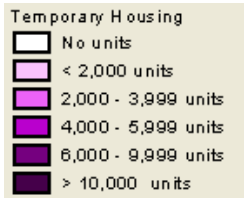
For Official Use Only!

Most Probable Temporary Housing Model Results

Florida –

Model results per county on following page

This model is based on a Category 3 storm making landfall east of Port Arthur, TX.



Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 10/24/2005)*** forecast. The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% housing need required in CAT 2 wind areas, and 4% housing need required in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Wilma Housing Model

Generated By:
Paul Deatrick, LRL 0700 EDT 10/24/2005

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Wilma Temporary Housing Model Results

Landfall Plus About **24** Hours

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THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% housing need required in CAT2 wind areas, and 4% housing need in CAT 3 wind areas.

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Hurricane Wilma Housing Model

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